



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s):** Martin Frederick Pera

**Examiner:** J. Voitach

#11/K.T.

**Serial No.:** 09/885,679

**Art Unit:** 1632

4/29

**Filed:** June 20, 2001

**Docket:** 14727

ELECT.

**For:** IMPROVED METHODS OF CULTURING  
EMBRYONIC STEM CELLS AND  
CONTROLLED DIFFERENTIATION

**Dated:** April 21, 2003

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APR 22 2003

TECH CENTER 1600/2900

Commissioner for Patents  
Washington, DC 20231

**RESPONSE UNDER 37 C.F.R. §§ 1.111 and 1.143**

Sir:

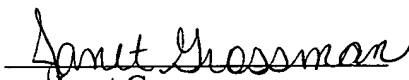
In response to the Office Action dated February 25 2003, setting forth a requirement for restriction, and in accordance with the provisions of 37 C.F.R. §§ 1.111 and 1.143, Applicant provisionally elects, with traverse, Group I, Claims 1-29, drawn to a preparation of undifferentiated embryonic stem cells and methods of culturing. In connection with the election of Group I, Applicant further elects "noggin" in response to the requirement for species election.

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on April 21, 2003.

Dated: April 21, 2003

  
Janet Grossman